

Product Texts

Extrusion Grade, Heat Stabilized

ISO 18064 TPC-ET

Processing/Physical Characteristics	Value	Unit	Test Standard
ISO Data			
^[C] Melt volume-flow rate, MVR	3	cm ³ /10min	ISO 1133
Temperature	230	°C	-
Load	2.16	kg	-

[C]: CAMPUS

Mechanical properties	Value	Unit	Test Standard
ISO Data			
^[C] Charpy notched impact strength, +23°C	21	kJ/m ²	ISO 179/1eA
^[C] Charpy notched impact strength, -30°C	11	kJ/m ²	ISO 179/1eA
^[C] Stress at 10% elongation	16.5	MPa	ISO 527
^[C] Stress at 100% elongation	22.1	MPa	ISO 527
^[C] Stress at break TPE	31	MPa	ISO 527
^[C] Compression set at 70 °C, 24h	29	%	ISO 815
^[C] Tear strength	148	kN/m	ISO 34-1
^[C] Shore A hardness	98	-	ISO 7619-1
^[C] Shore D hardness	57	-	ISO 7619-1

[C]: CAMPUS

Thermal properties	Value	Unit	Test Standard
ISO Data			
^[C] Melting temperature, 10°C/min	212	°C	ISO 11357-1/-3
^[C] Vicat softening temperature, B	110	°C	ISO 306

[C]: CAMPUS

Other properties	Value	Unit	Test Standard
^[C] Humidity absorption	0.16	%	Sim. to ISO 62
^[C] Density	1230	kg/m ³	ISO 1183

[C]: CAMPUS

Characteristics

Processing

Other Extrusion

Special Characteristics

Heat stabilized or stable to heat

Delivery form

Pellets

Regional Availability

Europe

Additives

Release agent

Other text information

Other extrusion

[Arnitel® E & P tube manufacturing guidelines](#)

[Arnitel® Recommendations for Extrusion](#)